

ABSTRACT

A system for recording and replaying Internet transactions is disclosed. The system uses a recorder object that connects between the Internet and an Internet client through the Internet client's proxy server interface. All communications between the Internet client and the Internet pass through the recorder object, and the recorder object is therefore able to observe directly the exact content of the communications, as well as other aspects of the communications, such as the rate at which they take place, the number and size of packets into which they are bundled, errors in communication, and DNS resolution time. This information can be used to produce a detailed record of the transaction, which can then be reproduced by an Internet client which is configured to use the record to replay the recorded transaction.